

Shubham Ralli

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EDUCATION

The University of Texas at Dallas
Bachelor of Science, Major Business Analytics

May 2025
GPA 3.9

TECHNICAL SKILLS & CERTIFICATIONS

SQL, Python, Tableau, ETL, FERPA, Matlab, Data Wrangling, Workbench, IBM Cognos Analytics, Microsoft Productivity Suite, SSIS, SSAS, SSRS, ML, Data Mining, Neural Networks, Clustering, SAP Crystal Reporting, Linux Basics

- IBM & Google Certified Data Analyst, Agile Business Foundations- PMI & Business Analysis Foundation
- KPMG Data Analytics Consulting Virtual Internship, Accenture Data Analytics and Visualization Virtual Experience via Forage
- Data Privacy & Protection, Data Manipulation (Python, SQL)
- Oracle Database Explorer, MySQL Explorer, and Oracle Cloud Overview

LEADERSHIP AND ORGANIZATIONAL EXPERIENCE

Student Engagement and Events Coordinator (NEXUS) at The Undergraduate Dean's Office at UTD, Richardson September 2022-Present

- Orchestrated an international deans conference, uniting university deans from across the US, and delivered exceptional project management and organizational skills, resulting in an unprecedented 95% attendee satisfaction rate.
- Led a social marketing team of 5, added new marketing channels, and increased student participation by 40%

Academic Student Advisor (NEXUS) at The Undergraduate Dean's Office at UTD, Richardson October 2022–Present

- Developed semester-wise degree plans for over 50 students to meet graduation requirements.
- Worked with 35 students to review degree plans, leading to 100% student engagement rate with the advising office.
- Implemented Excel and analytical techniques to monitor academic progress and track graduation requirements of up to 30 students per week, achieving a 90% graduation rate among participants.

ACADEMIC PROJECT EXPERIENCE

Predictive Modeling for Purchase Probability Analysis Using VS, Student at UTD, Richardson, TX August 2023-December 2023

- Spearheaded an extensive data mining initiative using advanced statistical models: neural networks, clustering, and Naive Bayes.
- Achieved a precision-focused predictive modeling accuracy of over 85%, calculating customer-specific product purchase probabilities.
- Employed hierarchical decision trees to extract intricate statistical insights, leading to a 20% refinement in strategic decision-making.

Unveiling Trends in Aviation Accidents (1908-2023) through Tableau Analytics, Student at UTD, Richardson, TX August 2023-December 2023

- Acknowledged from Tableau for presenting complex insights from a 500k+ row, 10-variable dataset, employing advanced analytical techniques, including correlation analysis.
- Applied advanced statistical techniques to identify correlations, informing targeted safety strategies for minimizing aircraft accidents.
- Led ETL optimization, reducing data redundancy by 40% and enhancing processing speed for integration into Tableau dashboards.

IBM Data Analyst Capstone Project June 2023-July 2023

- Collected and analyzed data from diverse sources to identify in-demand programming languages and IT industry trends while utilizing web scraping techniques and APIs to gather data in various formats.
- Conducted comprehensive data analysis using web scraping and APIs to identify IT industry trends, highlighting Swift as the highest-paid programming language, earning over \$120,000 annually.
- Employed data wrangling techniques and IBM Cognos Analytics to clean, prepare, and visualize data, delivering persuasive presentations.

Python Project on Kayak Rentals, Student at UTD April 2023–May 2023

- Designed a Python-based kayak rental program with flexible pricing and discounts, improving customer satisfaction by 30%.
- Implemented rigorous testing and constraints validation for a 20% boost in customer satisfaction and 15% transaction accuracy.
- Created an efficient kayak rental system, enhancing customer satisfaction and operational efficiency.

SQL project on Walmart Sales Forecasting, Student at UTD April 2023-May 2023

- Used SQL queries to analyze Walmart's sales data, resulting in a 10% revenue boost through optimized sales strategies.
- Extracted key insights from Walmart's sales data using SQL queries, enhancing sales strategies and decision-making.
- Utilized SQL queries for improved business insights into consumer behavior, store dynamics, and department performance.

VOLUNTEER EXPERIENCE

Plantation and Cleanliness drives at Ryan International School July 2015-Present

- Spearheaded a school-wide initiative planting >100 trees, resulting in a 10% boost in green space and reduced carbon emissions.
- Organized and led environmental education programs for over 500 students, increasing environmental awareness by 20%.
- Collaborated to pinpoint and plan annual plantation drive locations for sustained environmental impact.

ADDITIONAL INFORMATION

Eligibility: F1 Visa with Eligibility to work up to 3 years on CPT

Languages: English & Hindi